

Indicate which of the following sentences are True or False, then correct the false one:

- Q.1 Zero Insertion force (ZIF) socket is used for processor with DIP Package type. [F] PGA Package type
- Q.2 The Dual core ^{Multiplier} technique is used to make the microprocessor cycles run faster than the system. [F]
- Q.3 The CPU use the South ^{→ north} Bridge to manage access to the memory RAMs. [F]
- Q.4 The 8088 processor had a 16 bit address bus. [F] 8 20 bit

Answer the following questions:

- Q.5 What function does the external data bus have in the PC?
passes the command or the data from the MCC to the CPU and then after processing them inside the CPU it take them out.
- Q.6 What is the function of the address bus in the PC?
it tells the MCC what row ~~from~~ of data that the CPU want's from the RAM (carry the addresses)
- Q.7 What do registers provide for the CPU?
~~to slow down the current, so the CPU will not~~
damages temporary storage
- Q.8 Which component determines the computer system speed?
the clock CPU / crystal
- Q.9 What is the first 64-bit processor?
Intel itanium → 64-bit for microcomputers
- Q.10 What is the first processor comes with Level 1 cache?
AMD K5 processor